

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

THIS PAGE BLANK (USPTO)

GenCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 17, 2003, 11:18:58 ; Search time 59.5203 Seconds
(without alignments)
5580.127 Million cell updates/sec

Title: US-09-807-933B-6

Perfect score: 1083
Sequence: 1 atgaagttccttaccattgc.....ctgscgttcagaataa 1083

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

1: Issued Patents NA: *
2: /cgn2_6/ptodata/1/ina/5A_COMB.seq: *
3: /cgn2_6/ptodata/1/ina/5B_COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6A_COMB.seq: *
5: /cgn2_6/ptodata/1/ina/6B_COMB.seq: *
6: /cgn2_6/ptodata/1/ina/PCRTUS_COMB.seq: *
7: /cgn2_6/ptodata/1/ina/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	218.2	20.1	1473	1	US-08-090-013-3 Sequence 3, Appl1
2	218.2	20.1	1473	1	US-08-081-328-3 Sequence 3, Appl1
3	218.2	20.1	1473	1	US-08-232-249-3 Sequence 3, Appl1
4	218.2	20.1	1473	2	US-08-833-642A-3 Sequence 3, Appl1
5	218.2	20.1	1473	2	US-08-389-423-3 Sequence 3, Appl1
6	218.2	20.1	1473	2	US-09-230-665-3 Sequence 3, Appl1
7	218.2	20.1	1473	4	US-09-189-028-3 Sequence 3, Appl1
8	215.6	19.9	984	4	US-09-230-665-7 Sequence 7, Appl1
9	205.4	19.0	1423	3	US-08-651-136C-9 Sequence 9, Appl1
10	205.4	19.0	1423	4	US-09-229-911A-9 Sequence 9, Appl1
11	195	18.0	924	4	US-09-189-060B-69 Sequence 69, Appl1
12	184.4	17.0	912	4	US-09-189-060B-67 Sequence 67, Appl1
13	184.4	17.0	922	4	US-09-189-060B-65 Sequence 65, Appl1
14	181	16.7	1174	2	US-08-872-437-1 Sequence 1, Appl1
15	181	16.7	1174	3	US-08-651-136C-11 Sequence 11, Appl1
16	181	16.7	1174	4	US-09-229-911A-11 Sequence 11, Appl1
17	178.2	16.5	927	3	US-08-651-136C-5 Sequence 5, Appl1
18	178.2	16.5	927	4	US-09-229-911A-5 Sequence 5, Appl1
19	178	16.4	960	3	US-08-651-136C-1 Sequence 1, Appl1
20	178	16.4	960	4	US-09-229-911A-1 Sequence 1, Appl1
21	177	16.3	894	4	US-08-651-136C-3 Sequence 3, Appl1
22	177	16.3	894	3	US-09-229-911A-3 Sequence 3, Appl1
23	170.2	15.7	913	3	US-08-651-136C-13 Sequence 13, Appl1
24	170.2	15.7	913	4	US-09-229-911A-13 Sequence 13, Appl1
25	168.4	15.5	885	3	US-08-651-136C-23 Sequence 23, Appl1
26	168.4	15.5	885	4	US-09-229-911A-23 Sequence 23, Appl1
27	161.8	14.9	807	4	US-09-230-665-5 Sequence 5, Appl1

28	161.8	14.9	1060	1	US-08-090-013-1 Sequence 1, Appl1
29	161.8	14.9	1060	1	US-08-081-328-1 Sequence 1, Appl1
30	161.8	14.9	1060	1	US-08-232-249-1 Sequence 1, Appl1
31	161.8	14.9	1060	2	US-08-921-426-7 Sequence 7, Appl1
32	161.8	14.9	1060	2	US-08-833-642A-1 Sequence 1, Appl1
33	161.8	14.9	1060	2	US-08-140-008A-3 Sequence 3, Appl1
34	161.8	14.9	1060	2	US-08-389-423-7 Sequence 7, Appl1
35	161.8	14.9	1060	3	US-08-816-915-7 Sequence 7, Appl1
36	161.8	14.9	1060	4	US-09-189-060B-55 Sequence 55, Appl1
37	161.8	14.9	1060	4	US-09-230-665-1 Sequence 1, Appl1
38	161.8	14.9	1060	4	US-09-189-028-1 Sequence 1, Appl1
39	161.8	14.9	1060	5	PCT-US95-07743-7 Sequence 7, Appl1
40	161.6	14.9	1132	3	US-08-651-136C-21 Sequence 21, Appl1
41	161.6	14.9	1132	4	US-09-229-911A-21 Sequence 21, Appl1
42	161.6	14.9	1154	4	US-08-651-136C-7 Sequence 7, Appl1
43	161.6	14.9	1154	4	US-09-229-911A-7 Sequence 7, Appl1
44	159.8	14.8	808	3	US-08-651-136C-15 Sequence 15, Appl1
45	159.8	14.8	808	4	US-09-229-911A-15 Sequence 15, Appl1

ALIGNMENTS

RESULT 1
US-08-090-013-3
Sequence 3, Application US/08090013
Patent No. 5443750
GENERAL INFORMATION:
APPLICANT: CONVENTS, ANDRE C
APPLICANT: BUSCH, ALFRED
APPLICANT: BAECK, ANDRE C
TITLE OF INVENTION: DETERGENT COMPOSITION WITH HIGH ACTIVITY
TITLE OF INVENTION: CELLULASE AND SOFTENING CLAYS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSEE: THE PROCTER & GAMBLE COMPANY
STREET: 5299 SPRING GROVE AVENUE
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
ZIP: 45217
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/090,013
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91202880.0
FILING DATE: 06-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: PATEL, KEN K.
REGISTRATION NUMBER: 33,988
REFERENCE/DOCKET NUMBER: CM393
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-6437
TELEFAX: 513-627-4854
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-090-013-3
Query Match 20.1%; Score 218.2; DB 1; Length 1473;
Best Local Similarity 63.0%; Pred. No. 1.2e-54;

Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

QY 449 GTGTCCTCCGGTATGTGTAAGCACTGCTACTGAGATTGTGTAAGCTTCTGCA 508
 DB 143 GTGTCCTCTCGAAGCGGTCACTGCTGATGCTGAGATTGCTGCAAGCTTCTGCT 202
 QY 509 GTTGGCCCGGTAAAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 568
 DB 203 GTTGGAGCGGAAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 262
 QY 569 CTCTGCTGATTAACAACACTCAAAACGCGCTGT---GTGAGGTAGACGCTACCTGTA 625
 DB 263 CCATTTCACACACATGCTGCTCAAGGTTGAGAGGTGCTGCTGCTGCTGCTGCTGCA 322
 QY 636 ATGACATCAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 685
 DB 323 CCAACTACTCTCCCTGCGGCTGCTCAACGATGAGCTTGCCTGCTGCTGCTGCTGCT 382
 QY 686 TTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 745
 DB 383 TCTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 442
 QY 746 CTGCGCTCAAGGCTAGAAAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 805
 DB 443 GCCCGCTCAAGGCTAGAAAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 502
 QY 806 CTAAACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 865
 DB 503 ACAAC-----CACTTGCATCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 553
 QY 866 GTTGGCCACTCAATGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 925
 DB 554 GCTGACCTCTGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 607
 QY 926 CTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 985
 DB 608 CCTCCCGAAGGCTAGAAAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 667
 QY 986 TCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1045
 DB 668 TCGACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 727
 QY 1046 AGGCTATCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1070
 DB 728 AGGCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 752

RESULT 2

US-08-081-328-3

Sequence 3, Application US/08081328

Patent No. 5520838

GENERAL INFORMATION:

APPLICANT: BAECK, ANDRE C.

APPLICANT: CEULEMANS, RAPHAEL, ANGELINE A.

APPLICANT: BUSCH, ALFRED (NMN)

TITLE OF INVENTION: COMPACT DETERGENT COMPOSITIONS WITH

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: THE PROCTER & GAMBLE COMPANY

STREET: 11810 East Miami River Road

CITY: CINCINNATI

STATE: OHIO

COUNTRY: USA

ZIP: 45253-8707

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/081,328

FILING DATE: 11/19/93

CLASSIFICATION: 252
 ATTORNEY/AGENT INFORMATION:
 NAME: ZERBY, KIM WILLIAM
 REGISTRATION NUMBER: 32,323
 REFERENCE/DOCKET NUMBER: CM356M
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 513-627-2885
 TELEFAX: 513-627-0318
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1473 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 97..1224
 US-08-081-328-3

Query Match 20.1%; Score 218.2; DB 1; Length 1473;
 Best Local Similarity 63.0%; Pred. No. 1.2e-54;
 Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

QY 449 GTGTCCTCCGGTATGTGTAAGCACTGCTACTGAGATTGTGTAAGCTTCTGCA 508
 DB 143 GTGTCCTCTCGAAGCGGTCACTGCTGATGCTGAGATTGCTGCAAGCTTCTGCT 202
 QY 509 GTTGGCCCGGTAAAGCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 568
 DB 203 GTTGGAGCGGAAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 262
 QY 569 CTCTGCTGATTAACAACACTCAAAACGCGCTGT---GTGAGGTAGACGCTACCTGTA 625
 DB 263 CCATTTCACACACATGCTGCTCAAGGTTGAGAGGTGCTGCTGCTGCTGCTGCTGCA 322
 QY 636 ATGACATCAACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 685
 DB 323 CCAACTACTCTCCCTGCGGCTGCTCAACGATGAGCTTGCCTGAGGTTCCCTGCTCAAGA 382
 QY 686 TTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 745
 DB 383 TCTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 442
 QY 746 CTGCGCTCAAGGCTAGAAAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 805
 DB 443 GCCCGCTCAAGGCTAGAAAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 502
 QY 806 CTAAACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 865
 DB 503 ACAAC-----CACTTGCATCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 553
 QY 866 GTTGGCCACTCAATGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 925
 DB 554 GCTGACCTCTGAGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 607
 QY 926 CTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 985
 DB 608 CCTCCCGAAGGCTAGAAAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 667
 QY 986 TCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1045
 DB 668 TCGACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 727
 QY 1046 AGGCTATCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1070
 DB 728 AGGCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 752

RESULT 3

US-08-232-249-3

Sequence 3, Application US/08232249

Patent No. 5610129

GENERAL INFORMATION:

APPLICANT: MCCORODALE, FINLAY (NMN)
APPLICANT: BUSGH, ALFRED (NMN)
TITLE OF INVENTION: DYE TRANSFER INHIBITING COMPOSITIONS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: THE PROCTER & GAMBLE COMPANY
STREET: 5299 SPRING GROVE AVENUE
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
ZIP: 45217
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,249
FILING DATE: 05-MAY-1994
CLASSIFICATION: 510
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91202882.6
FILING DATE: 06-NOV-91
ATTORNEY/AGENT INFORMATION:
NAME: ALLEN, GEORGE W.
REGISTRATION NUMBER: 26,143
REFERENCE/DOCKET NUMBER: CM-395
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-5946
TELEFAX: 513-627-8118
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-232-249-3

Query Match 20.1%; Score 218.2; DB 1; Length 1473;
Best Local Similarity 63.0%; Pred. No. 1.2e-54;
Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

Qy 449 GTGGTCCCTCCGGTATGCTGAACCACTCGCTACTGGGATTTGTTAGCCTTCTTCA 508
Db 143 GTGGTCCCTCCGGTATGCTGAACCACTCGCTACTGGGATTTGTTAGCCTTCTTCT 202
Qy 509 GTGGCCCGGTAAGGCTGATGTCACCTCCCTGTTGSCCTCCGTAAACAAGATGTTAGA 568
Db 203 CTGGAGGGAAGGCTGCTGTCAGAGCCCTGCTTAACTGTGATAGAACGCAACC 262
Qy 569 CTCTGTGATTAACAACAACAACGCTGT---GTGTGTGTAGACAGTACAAGTGA 625
Db 263 CCATTTCACAACAACAACAAGTGTGACAGGTTGAGGTTGTTCTGCTTATGTTGCA 322
Qy 626 ATGACATCAACCTTGGGTTGTAGCAAGACCTTGCCTACGCTTCCCGCTGTTCCA 685
Db 323 CCAACTACTCTCCCGGCTGTCAACGATGAGCTTGCCTACGCTTCCCTGCTACCAAGA 382
Qy 686 TTTCTGCTGTAAGCAAGTCTACTGCTGTTGCTGCTGTTTCAATCAATCACTCACTTA 745
Db 383 TCTCCGGGCTCCAGGCGACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 442
Qy 746 CTGCGGTCAAGGTAAGATGTTTCAAGTAAACAACAAGTCTGCTGCTGCTGCTGCTG 805
Db 443 GCCCGTAAAGGGAAGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 502
Qy 806 CTAACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 865
Db 503 ACAAC-----CACTTCGATCTCAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTG 553

Qy 866 GTTGTCCACTCAATGAGGCTGCTCCACCGATGTTGGGATGCAAGATACGGCGGTGTTT 925
Db 554 GCTGCACTCTGATTTGG-----CAAGGCTTCGGCGGTCAGGACGAGGCGGATCT 607
Qy 926 CTCTGCTCTGACTGTTTCAACTTCTTCTGCTTCAAGCTGTTGTTAGTGAAGAT 985
Db 608 CCTCCCAAGGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 667
Qy 986 TCGGCTGTTCAAAAGGCTGATTAACCAACCATGACTCAAAAGTATCACTGTTCCA 1045
Db 668 TCGACTGTTGAGAACGCGACCAACCTTCACTTCACTTCACTTCACTTCACTTCACT 727
Qy 1046 AGGCTATCACTGCCAAGCTGCTG 1070
Db 728 AGGCTCTCTGACATCACTGATG 752

RESULT 4
US-08-833-642A-3
Sequence 3, Application US/08833642A
Patent No. 5883066
GENERAL INFORMATION:
APPLICANT: Ivan M. A. J. Herbots et al.
TITLE OF INVENTION: Liquid Detergent Compositions
CONTAINING CELLULOSE AND AMINE
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jackie Ann Zurcher
ADDRESS: Dinmore & Shohl LLP
STREET: 255 E. Fifth Street
CITY: Cincinnati
STATE: Ohio
COUNTRY: USA
ZIP: 45202
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,642A
FILING DATE: April 8, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Zurcher, J. A.
REGISTRATION NUMBER: P42,251
REFERENCE/DOCKET NUMBER: CM551C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 977-8377
TELEFAX: (513) 977-8141
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: fusarium oxysporum
STRAIN: DSM 2672
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-833-642A-3

Query Match 20.1%; Score 218.2; DB 2; Length 1473;
Best Local Similarity 63.0%; Pred. No. 1.2e-54;
Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

Qy 449 GTGGTCCCTCCGGTATGCTGAACCACTCGCTACTGGGATTTGTTAGCCTTCTTCA 508
Db 143 GTGGTCCCTCCGGTATGCTGAACCACTCGCTACTGGGATTTGTTAGCCTTCTTCT 202

Db 143 GTGCTCTCTGGAAGCGTCACTCTGATCTGATGAGGATTGTCGAAGCCTTCTTGT 202
QY GTTGGCCCGGTAAGGCTGATGTCACCTCCCTGTTGCTCTGTAAACAAGATGTAAGA 568
Db 203 CTTGAGGCGGAAGGCTGCTGTCACGCCCCCTGCTTAACTGTATGAAGACGACACC 262
QY CTCTTGCTGATTAACAACACTCAAAACGCTGT--GTTGGTGTAGACACTACCTGTA 625
Db 263 CATTTCCAAACCAATGCTGTCAAGGTTGAGGGTGTGTGTTCTGTATGCTTGA 322
QY ATGACATTAACCTTGGGTTTGAAGACACTTGGCCCTAGAGGTTTGGCGCTGTCCA 685
Db 323 CCAACTACTCTCCCTGGGCTGTCAAGATGACCTTGCCTACGCTTCTGCTACCAAGA 382
QY TTTCTGCTGATGCGAAGCTTACTGTTGTTGCTGCTTTCGAACCTACATTCACCTCTA 745
Db 383 TCTCCGCTGCTCCAGAGGCACTGCTGTGTGCTTGTCTATGCTTGAACCTTACACACTG 442
QY CTGCGGTCAAGGATGAAGATGTTGTTCAAGTAACAACACTGCTTCTGACTTGGCT 805
Db 443 GCCCGGTCAAGGCAAGATGATGTCAGTCCACCAACACTGAGGTGATCTCGGCG 502
QY CTAACACTGCTGCTCACTTGACTTGCAATGCGGCTGCTGTTGTTGATCTCAATG 865
Db 503 ACAAC-----CACTTCAATCTGATGATGCGGCTGTGTGTGCTTCTTCAAG 553
QY GTTGTGCCACTCAATGCGGTGCTCCACCGATGTTGGGCTCAAGATACGCGGTGTT 925
Db 554 GCTGACCTCTGATGTTGCG-----CAAGGCTCTCGGCGGTGCCAGTACGCGGATCT 607
QY CTCTGCTCTGCTGATCTTAACTTCTTCTGCTTCCCTTCAAGCTGTTGTAAGTGAAT 985
Db 608 CTTCCCGAAGCAATGTGATGATCAACCGAGCTTCTCAAGACGCTTCCACTGCGCAT 667
QY TCGGCTGTTCAAAACGCTGATTAACCAACCATGACTTCAACAAGTTACTCTGCCA 1045
Db 668 TCGACTGTTTCAAGACCGCGACACCTGACTTCACTTTGAGCAGTTCACTGCCCA 727
QY 1046 AGGCTATCACTGCCAAGTCTGCTG 1070
Db 728 AGGCTCTCTCGACATCAAGTGATG 752

RESULT 5
US-08-389-423-3
Sequence 3, Application US/08389423
Patent No. 5948672
GENERAL INFORMATION:
APPLICANT: Raamussen, Grethe
APPLICANT: Mikkelson, Jan Moller
APPLICANT: Schulten, Martin
APPLICANT: Parker, Shankant A.
APPLICANT: Hagen, Fred
TITLE OF INVENTION: A Cellulase Preparation Comprising an
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 59486720 No. 5948672disk of No. 5948672th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,423
FILING DATE: 14-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469, 214-US
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Fusarium oxysporum
STRAIN: DSM 2672
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-389-423-3

Query Match 20.1%; Score 218.2; DB 2; Length 1473;
Best Local Similarity 63.0%; Pred. No. 1.2e-54;
Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

QY 449 GTGCTCTCGGTAAGGATGTAACAACACTGCTACTGAGATGTTGTAAGCCTTCTTGA 508
Db 143 GTGCTCTCTGGAAGCGTCACTCTGATCTGATGAGGATTGTCGAAGCCTTCTTGT 202
QY GTTGGCCCGGTAAGGCTGATGTCACCTCCCTGTTGCTCTGTAAACAAGATGTAAGA 568
Db 203 CTTGAGGCGGAAGGCTGCTGTCACGCCCCCTGCTTAACTGTATGAAGACGACACC 262
QY CTCTTGCTGATTAACAACACTCAAAACGCTGT--GTTGGTGTAGACACTACCTGTA 625
Db 263 CATTTCCAAACCAATGCTGTCAAGGTTGAGGGTGTGTGTTCTGTATGCTTGA 322
QY ATGACATTAACCTTGGGTTTGAAGACACTTGGCCCTAGAGGTTTGGCGCTGTCCA 685
Db 323 CCAACTACTCTCCCTGGGCTGTCAAGATGACCTTGCCTACGCTTCTGCTACCAAGA 382
QY CTGCGGTCAAGGATGAAGATGTTGTTCAAGTAACAACACTGCTTCTGACTTGGCT 805
Db 383 TCTCCGCTGCTCCAGAGGCACTGCTGTGTGCTTGAACCTTCAACACTG 442
QY CTAACACTGCTGCTCACTTGACTTGCAATGCGGCTGCTGTTGTTGATCTCAATG 865
Db 443 GCCCGGTCAAGGCAAGATGATGTCAGTCCACCAACACTGAGGTGATCTCGGCG 502
QY CTAACACTGCTGCTCACTTGACTTGAATGCGGCTGCTGTTGTTGTAAGTGAATG 865
Db 503 ACAAC-----CACTTCAATCTGATGATGCGGCTGTGTGCTTCTTCAAG 553
QY GTTGTGCCACTCAATGCGGTGCTCCACCGATGTTGGGCTGCAAGATACGCGGTGTT 925
Db 554 GCTGACCTCTGAGTTCG-----CAAGGCTCTCGGCGGTGCCAGTACGCGGTACT 607
QY CTCTGCTGCTGACTGTTCTAACTTCTTCTGACCTTCAAGCTTGTGTAAGTGAAT 985
Db 608 CTTCCCGAAGCAATGTGATGATGATGCTGACCCGAGCTTCTCAAGAGCGTTGCCAT 667
QY TCGGCTGTTCAAAACGCTGATTAACCAACCATGACTTCAACAACACTTACTGCCA 1045
Db 668 TCGACTGTTTCAAGACCGCGACCAACCTGACTTCACTTTGAGAGGTTGAGTCCCA 727
QY 1046 AGGCTATCACTGCCAAGTCTGCTG 1070
Db 728 AGGCTCTCTCGACATCAAGTGATG 752

RESULT 6

US-09-230-665-3
 ; Sequence 3, Application US/09230665
 ; Patent No. 6322595
 ; GENERAL INFORMATION:
 ; APPLICANT: Boyer, Stanton L
 ; TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase
 ; TITLE OF INVENTION: Components, with and without a Cellulose-Binding Domain
 ; FILE REFERENCE: 6191 Sequence Listing (8 Sequences)
 ; Patent No. 6322595
 ; CURRENT APPLICATION NUMBER: US/09/230,665
 ; CURRENT FILING DATE: 1999-01-29
 ; EARLIER APPLICATION NUMBER: 60/023,125
 ; EARLIER FILING DATE: 1996-07-30
 ; NUMBER OF SEQ ID NOS: 8
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 3
 ; LENGTH: 1473
 ; TYPE: DNA
 ; ORGANISM: Fusarium oxysporum
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (97)..(1224)
 US-09-230-665-3

Query Match 20.1%; Score 218.2; DB 4; Length 1473;
 Best Local Similarity 63.0%; Pred. No. 1.2e-54;
 Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

Qy 449 GTGTGCTCCGGTAATGTAAGTAACCACTGCTACTGGAGATGTTGAAGCTTTTGCA 508
 Db 143 GTGTGCTCTTCTGGAAGCGGTCACTCTACTGATCTGGATGCTGCAAGCTTTTGCT 202
 Qy 509 GTTGGCCCGGTAAGCTGATGTGACCTCCCGTTGCTCCGCTTGAACAGAGATGTAAGA 568
 Db 203 CTTGAGAGCGAAGGCTCTCTGTCAAGCGCCCTGCTTTAACTTGATGAAGACGCAACC 262
 Qy 569 CTCTTGCTGATTAACAACACTCAAAACGGCTGT--GTGTGATGAGACGACTACACTGTA 625
 Db 263 CCATTTCACACACCAAGTCTGTCAACGGTTGAGGGGTGGTCTTATGCTTATGCTTGA 322
 Qy 626 ATGACATCAACCTTGGGTTGTTAGCGACGACTTGGCTTACGAGTTTCCCGCTGCTTCA 685
 Db 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGCCTACGTTTCCGCTCTACCAAGA 382
 Qy 686 TTTCTGCTGTAAGGAGACTCTTGGTGTGCTGCTGTTTGAAGTCACTTCACTTCACTTCA 745
 Db 383 TCTCCGGTGGCTCCGAGGCCAGCTGTGCTGTGCTTATGCTTGAACCTTCAACACTG 442
 Qy 746 CTGCGCTCAAGGGTAAAGATGTTTCAAGTAACCAACACTGCTTCACTTGGCT 805
 Db 443 GCCCGTCAAGGGCAAGATGATGCTCCAGTCCACCAACACTGAGATGATCTCGGCG 502
 Qy 806 CTAACACTGCTGCTCACTTTGAATTGCAATGCCGCTGAGTGTGTTGTAATCAATG 865
 Db 503 ACAAC-----CACTTCATCTCATGATGCCGCGGAGTGTGCGTATCTTCAAG 553
 Qy 866 GTTGTGCACTCAATAGGGTGTCTCCACCGATGTTGGGTGCAAGATAGCGCGGTGTT 925
 Db 554 GCTGCACTCTGAGTTCG-----CAAGGCTCTCGGCGGTGCCAGTACGCGGTATCT 607
 Qy 926 CTCTGCTCTGACTGTCTTAACCTTCTTCTGACCTTCAAGCTGTTGTAAGTGAAGAT 985
 Db 608 CTTCCCGAAGGAGATGATAGTACCTCCGAGCTTCTCAAGAGCGTTGCCATGCGCAT 667
 Qy 986 TCGGCTGTTAAACCGCTATTAACCAACCAATGACTTACAAACAGTTAAGTCTGTCCA 1045
 Db 668 TCGACTGTTGAGAGCCGCAACCACTGACTTCACTTTAGAGAGTTGAGTGCCTCCA 727
 Qy 1046 AGGCTATCACTGCAAGTCTGCGT 1070
 Db 728 AGGCTCTCTGAGACTCAAGTGAATG 752

RESULT 7
 US-09-189-028-3
 ; Sequence 3, Application US/09189028
 ; Patent No. 6423524
 ; GENERAL INFORMATION:
 ; APPLICANT: Rasmussen, Grethe
 ; APPLICANT: Miklelsen, Jan Moller
 ; APPLICANT: Schielein, Martin
 ; APPLICANT: Patkar, Shankant A.
 ; TITLE OF INVENTION: A Cellulase Preparation Comprising an
 ; TITLE OF INVENTION: Endoglucanase Enzyme
 ; NUMBER OF SEQUENCES: 33
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: No. 64235240 No. 6423524disk of No. 6423524th America, Inc.
 ; STREET: 405 Lexington Avenue, 64th Floor
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: United States of America
 ; ZIP: 10174-6401
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/189,028
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/389,423
 ; FILING DATE: 14-FEB-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Lambiris, Elias J.
 ; REGISTRATION NUMBER: 33,728
 ; REFERENCE/DOCKET NUMBER: 3469, 214-US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 212-867-0123
 ; TELEFAX: 212-878-9655
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1473 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHEICAL: NO
 ; ANTI-SENSE: NO
 ; ORIGINAL SOURCE:
 ; ORGANISM: Fusarium oxysporum
 ; STRAIN: DSM 2672
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 97..1224
 US-09-189-028-3

Query Match 20.1%; Score 218.2; DB 4; Length 1473;
 Best Local Similarity 63.0%; Pred. No. 1.2e-54;
 Matches 394; Conservative 0; Mismatches 213; Indels 18; Gaps 3;

Qy 449 GTGTGCTCCGGTAATGTAAGTAACCACTGCTACTGGAGATGTTGAAGCTTTTGCA 508
 Db 143 GTGTGCTCTTCTGGAAGCGGTCACTCTACTGATCTGGATGCTGCAAGCTTTTGCT 202
 Qy 509 GTTGGCCCGGTAAGCTGATGTGACCTCCCGTTGCTCCGCTTGAACAGAGATGTAAGA 568
 Db 203 CTTGAGAGCGAAGGCTCTCTGTCAAGCGCCCTGCTTTAACTTGATGAAGACGCAACC 262
 Qy 569 CTCTTGCTGATTAACAACACTCAAAACGGCTGT--GTGTGATGAGACGACTACACTGTA 625
 Db 263 CCATTTCACACACCAAGTCTGTCAACGGTTGAGGGGTGGTCTTATGCTTATGCTTGA 322
 Qy 626 ATGACATCAACCTTGGGTTGTTAGCGACGACTTGGCTTACGAGTTTCCGCTCTTCA 685

Db 323 CCAACTACTCTCCCTGAGCTGTGACGAATGAGCTTGAGCGTTTGCTGCTGCAAGA 382

Qy 686 TTTCGTGGTGAAGCGAAGCTACTTGTGTGTGTGCCCTGTTCGAATCAATTCACCTCTA 745

Db 383 TCTCCGGTGGCTCCGAGGCGAGCTGGTGTGTGCTGTGATGTTTGAACCTTCACACTG 442

Qy 746 CTGCGGTCAAGGTAAAGAAAGATGTGTTCGAATTAACAACACTGTTCTGACTTGCT 805

Db 443 GCCCGGTCAAGGCGAAGAAAGATGATGTCTCAGTCCACCAACTGGAGGTGATCTCGGG 502

Qy 806 CTAACTAGTGTCTCACTTTGACTTGCAAAATGCCGATGTGTGTGTGTGTATCTACAATG 865

Db 503 ACAAC-----CACTTCGATCTCATGATGTCGCCGGCTGGTGTGCGGTATCTTCAGCG 553

Qy 866 GTTGTGCCACTCAATGAGGGGTGCTCCCAACGATGTGTGGGGTGCAGAATACGGCGGGCTTT 925

Db 554 GGTGACACTCTGATGATTCGG-----CAAGGCTCTCGGCGGTGCCAGTACGGGGGATCT 607

Qy 926 CTTTGCCTCTGACTGTTCTTAACCTTCTCTTGTGCCCTTCAAGCTGTGTGTAGTGGAGAT 985

Db 608 CTTCCCGAAGCGAATGTGATAGCTACCCGAGCTTCTAAGAGACGTTTCCACTGGCGAT 667

Qy 986 TCGGCTGGTTCAAAAAAGCTGTAAACCAACCACTGACTTACAAACAAGTTACTGTGCCA 1041

Db 668 TCGACTGGTTCCAGAAAGCGCGAACACCTGACTTCACTTGTAGCAGGTTCAGTGCCCA 727

Qy 1046 AGGCTATCACTGCCAAGTGTGCTG 1070

Db 728 AGGCTCTCTCGACATCAATGATGATG 752

RESULT 8
US-09-23

```

? Sequence 7 Application US/09230665
? Patent No. 6322595
? GENERAL INFORMATION:
? APPLICANT: Boyer, Stanton L
? TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase
? TITLE OF INVENTION: Components, with and without a Cellulose-Binding Domain
? FILE REFERENCE: 6191 Sequence Listing (8 Sequences)
? Patent No. 6322595
? CURRENT APPLICATION NUMBER: US/09/230,665
? CURRENT FILING DATE: 1999-01-29
? EARLIER APPLICATION NUMBER: 60/023,125
? EARLIER FILING DATE: 1996-07-30
? NUMBER OF SEQ. ID NOS.: 8
? SOFTWARE: PatentIn Ver. 2.1
? SEQ ID NO 7
? LENGTH: 984
? TYPE: DNA
? ORGANISM: Unknown Organism
? FEATURE:
? OTHER INFORMATION: Description of Unknown Organism:Organism encoding
? OTHER INFORMATION: an endoglucanase enzyme
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (97)..(735)
? US-09-230-665-7

```

Query Match	19.9%;	Score 215.6;	DB 4;	Length 984;	*
Best Local Similarity	63.5%;	Pred. No. 5.8e-54;			
Matches 386;	Conservative	0;	Mismatches 204;	Indels 18;	Gaps 3

[illegible]

Db 263 CCAATTTCGAACCAACATGCTGTCAACGGGTGTGAAGGGTGGTTCCTTATGCTTGC 3522
 Qy 626 ATGACATCAACCTTGGGTGTGTATGACGACGACCTTGCCTAAGTTCGGCGCTGCCA 685
 Db 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGCTAGCGTTTGCTGACCAAGA 382
 Qy 686 TTTCTGTGTGTAGCGAAGCTACTGTGTGTGTGCTGTTTCGAATCACAATCAGCTTA 745
 Db 383 TCTCCGCTGAGCTCCGAGGCGACAGCTGATCTGTGCTTGAATGCTTACCTTACCACTG 442
 Qy 746 CTGCGCTCAAGGGTAAAGAAATGTGTTCAAAGTAAACAACATCGTTCAGACTTGGCT 805
 Db 443 GCCCGGTCAAGGCAAGAGATGATGTGTCAGTCCACCAACTGAGAGTGTCTGGCG 502
 Qy 806 CTAAACACTGTGTCTCACTTGTGACTTGCAAATAGCCCGGTGTGTGTGTATTCACATG 865
 Db 503 ACAAC-----CACTTCGATCTCAGATGATCCCGGCGGTGTGTGTGATCTTGACG 553
 Qy 866 GTTGTGCCACTGAATGGGGTGTCTCCACCACTAGTGTGGGTGCAAGATCGGCGGTGTT 925
 Db 554 GCTGCACCTCTAGTTCGG-----CAAGGCTCTCGCGGGGCCACATAGCGGATCT 607
 Qy 926 CTTCTGCTCTGACTGTTCTTAACTTCTCTTGTGCCCTTCAAAGCTGTGTTAATGGAAT 985
 Db 608 CTTCCGGAAGCAATGTGATGACTTACCCCGAGCTTCTCAAGAGACGTTCACCTGGGAT 667
 Qy 986 TCGGCTGTTCAAAACGCTATTAACCCACCATGACTTACAAACAATTAACCTGTGCCA 104
 Db 668 TCGACTGTGTTCAGAAACGCGCAACCTGACTTCACTTTGAGCAGAGTTCAATGGCCCA 727
 Qy 1046 AGGCTATC 1053
 Db 728 AGGCTCTC 735

RESULT 9
US-08-65

Sequence 9 Application US/08651136C
Patent No. 6001639
GENERAL INFORMATION:
APPLICANT: Schulein, Martin
APPLICANT: Andersen, Lene N.
APPLICANT: Lassen, Soren F.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Lange, Lene
APPLICANT: Nielsen, Rudy I.
APPLICANT: Ihara, Michiko
APPLICANT: Takagi, Shinobu
TITLE OF INVENTION: No. 6001639e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESSES:
ADDRESSEE: No. 6001639o No. 6001639disk of No. 6001639th America, Inc
STREET: 405 Lexington Avenue, 64th Floor
City: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,136C
FILING DATE: 21-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366,200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123

TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1423 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 110..1156
 US-08-651-136C-9

Query Match 19.0%; Score 205.4; DB 3; Length 1423;
 Best Local Similarity 60.9%; Pred. No. 7.3e-51;
 Matches 376; Conservative 0; Mismatches 226; Indels 15; Gaps 2;

454 GCTCCGGTATGTTGAACCACTGCTACTGAGATTGTTGAAGCTTCTTGCACTTGG 513
 170 GCTCCGGGCAAGGCAACACACCGCTACTGGGATTGCTCAAGACTTCTTGCGCATGG 229
 514 CCCGGTAAAGCTGATGTCACCTCCCTGTTGGCTCTGTAACAAGATGTAAGACTTT 573
 230 GAGGGCAAGGATCCGCTCCGAGCTGTCTGACCTGTAAACAAGCAAGCAACCCATC 289
 574 GCTGATAACAACACTCAAAAGCGCTGTTGGTGTGACGTAACACTGTAATGAACAT 633
 290 GTCGATGCCAAGCGCAGAGCGGCTGCGACGCGCGGCGCATTTGCTGTACCAACAT 349
 634 CAACCTTGGGTTGTTAAGCAAGCACTTGCTTACGATTTGCGCGTCTTCCATTTCTG 693
 350 TCCCTTTGGGCGGAGGAGGAGCACTGCTTACGATTTGCTGCAAGCCCTCAGGGGC 409
 694 GGTAGCGAAGCTACTGTTGTTGCTGTTTCAACTCAATTCACTTACTGCGCTC 753
 410 GGCACGTGAGGCACTGCTGCTGCGCGCTGTACGCAATCACATTCAGATGCGCTGTG 469
 754 AAGGTAAGAAGATGTTGTTCAAGTAAACAACGCTGTTGACCTTGGCTTGAACACT 813
 470 GCTGCAAGAAAGATGTTGCTGCTGCTGCAAGCAAGGAGCGACCTGTCAACAC-- 526
 814 GGTGCTCACTTGAATTGCAATGCGCGGTGGTGGTGTGTTGATCTAACAATGTTGGCC 873
 527 -----CACTTGAACGTATGATTTCCGGTGAAGGCTCGGCATCTTTGACGTTGGC 580
 874 ACTCAATGAGGTGCTCCCAAGATGTTGGGTGCAAGTACGCGGATGTTCTTTCGCC 933
 581 GCTCAGTTCCGACAACCT-----TCTTCCGCGAGCGTTACGAGGATGTTCCGCC 634
 934 TCTGACTGTTTAACTTCTTCTTCCCTTCAAGCTGTTTGAATGAGATTTGGCTGG 993
 635 TCTCAATCGAATGATGCTCCGAGCTTGAAGAGGTTGCAAGTGGCTTGCACCTGG 694
 994 TTCAAAAACGCTGATTAACCAACCATGACCTTAACAACAGTTACTCTGCCAAGGCTATC 1053
 695 TTCAAGAACTAAGCAACCTGACATTCAGATTCAAGCAGATCAGTGTCCAAAGAGCTC 754
 1054 ACTGCCAAGTCTGCTG 1070
 755 ATTGCGGTCTCTGGGTG 771

RESULT 10
 US-09-229-911A-9
 Sequence 9, Application US/09229911A
 Patent No. 6387690
 GENERAL INFORMATION:
 APPLICANT: Schuelein, Martin
 Andersen, Lene N.
 Lassen, Soren F.
 Kauppinen, Markus S.
 Lange, Lene
 Nielsen, Ruby I.

Ihara, Michiko
 Takagi, Shinobu
 TITLE OF INVENTION: No. 6387690e1 Endoglucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 6387690C No. 6387690dsk of No. 6387690th America, Inc.
 STREET: 405 Lexington Avenue, 64th floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/229,911A
 FILING DATE: 13-Jan-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/651,136
 FILING DATE: 21-MAY-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Lambirth, Elias J.
 REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4366.200-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-867-0123
 TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1423 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 110..1156
 SEQUENCE DESCRIPTION: SEQ ID NO: 9:
 US-09-229-911A-9

Query Match 19.0%; Score 205.4; DB 4; Length 1423;
 Best Local Similarity 60.9%; Pred. No. 7.3e-51;
 Matches 376; Conservative 0; Mismatches 226; Indels 15; Gaps 2;

454 GCTCCGGTATGTTGAACCACTGCTACTGAGATTGTTGAAGCTTCTTGCACTTGG 513
 170 GCTCCGGGCAAGGCAACACACCGCTACTGGGATTGCTCAAGACTTCTTGCGCATGG 229
 514 CCCGGTAAAGCTGATGTCACCTCCCTGTTGGCTCTGTAACAAGATGTAAGACTTT 573
 230 GAGGGCAAGGATCCGCTCCGAGCTGTCTGACCTGTAAACAAGCAAGCAACCCATC 289
 574 GCTGATAACAACACTCAAAAGCGCTGTTGGTGTGACGTAACACTGTAATGAACAT 633
 290 GTCGATGCCAAGCGCAGAGCGGCTGCGACGCGCGGCGCATTTGCTGTACCAACAT 349
 634 CAACCTTGGGTTGTTAAGCAAGCACTTGCTTACGATTTGCGCGTCTTCCATTTCTG 693
 350 TCCCTTTGGGCGGAGGAGGAGCACTGCTTACGATTTGCTGCAAGCCCTCAGGGGC 409
 694 GGTAGCGAAGCTACTGTTGTTGCTGTTTCAACTCAATTCACTTACTGCGCTC 753
 410 GGCACGTAGGCACTGCTGCTGCGCGTGTACCGCAATCAATTCAGATGAGGCTGTG 469
 754 AAGGTAAGAAGATGTTTCAAGTAAACAACGCTGTTGACCTTGGCTTGAACACT 813
 470 GCTGCAAGAAAGATGTTGCTGCTGCTGCAAGCAAGGAGCGACCTGTCAACAC-- 526
 814 GGTGCTCACTTGAATTGCAATGCGCGGTGGTGGTGTGATCTAACAATGTTGGCC 873

Db	60	TGCTTTCGCTGCTGATGGCAGGCTCCAGAGTACTGGGATTGCTGCAAGCCCTTCTCTC	11.9
Qy	450	TGGTGGCTCCGGTAAATGGTGAACCACTGGCTACTGGGATTTGGTAAAGCTTTTCAG	5.0
Qy	510	TTGGCCCGGTAAGGCGTAGTCACTCCCTCTGTGGCTCTCTGTACAAAGATGGTAAGAC	56.9
Db	120	TTGGGGGGGAAAGGCTGCTGTCAAGCGCCCTCTTGTGACTGTGTACAAAGAGCAACC	17.9
Qy	570	TCTTGTGTATTAACAACACTCAAAACGGCTGT---GTATGGTGTAGACGTACACTGTAA	62.6
Db	180	CATCTCAAACTGAACGCTGTCAACGGTGTGAGGGTGTGGTTCTGCTCTCGCTGCAC	23.9
Qy	627	TGACAACTCAACTTTGGGTTGTTAGCGACGACTTGTGCTAACGGTTTGCCTGCTTCAT	68.6
Db	240	CAACTACTCTCTTTGGGCGGTCAATGACAACCTTGTCCATACGGCTTGGTGAACAAGCT	29.9
Qy	687	TTCTGTGTAGGAAGACTACTTGGTGTGTGCTCGTTTCAACTCACTTACCTCTAC	74.6
Db	300	TGCGGGTGGCTCGAAGGATAGCTGGTGTGTCTTGTCAACGACTTAACCTTCAACAACGG	35.9
Qy	747	TGCGCTCAAGGGTAAGAAGATGTTGTTCAAGTACCAACTGGTTTGTGACTTGGCTC	80.6
Db	360	TCCGCTCAAGGGTAAGCAATGTTGCTTCAAGTCCACCAACTGGAGCGACTTCGGTGA	41.9

Oy	450	TGGTGCCTCCGGTAATGGAAGAACCAACGCTACTGCGATTGTGTAAAGCCTTTTCAG	509
Db	61	TGCTTTGCTGCTGATGGCAGGCTCCACAGAGTACTGGGATTTGTGTAAAGCCCTTTGCTC	120
Oy	510	TTGGCCCCGGTAAGCTGATATCATCTCCCCTTGCTTGCTCTCTGTATAAAGATGTTAAGAC	569
Db	121	CTGGGGCGCAAGAGGCTCGGTCAAGGCCCCGCTCTGACCTGCACAAGAACAACC	180
Oy	570	TCTTGTGATTAACAACAACACTAAAACGCTGTGTGTTGAGTAGCAGTACACCTGTATGA	629
Db	181	CATCTCCAGCGCAACGCCGTGAGGGTTTGCACGGCGGCACTTCTCACCTGCAACA	240
Oy	630	CAATCAACCTTGGGTTTAAAGCAGACCTTGCCTACGGTTTGCGCGCTCTTCATTTG	689
Db	241	CAACTCCCCGTGGGCTGTCAAGACAACTCGCCTATGGCTTTGCGCTACCAAGCTCTC	300
Oy	690	TGGTGTAGCAGAACTACTTGGTGTGTTGTGCTGTTTTGAACTACATTCACCTTCTACTGC	749
Db	301	TGGAGGCTCCAGTCCACAGCTGGTGTGTGCTGTACAGCTTCAACCTTTACAGCTGGCCC	360
Oy	750	CGTCAGAGGGTAAGAAGATGGTTGTTCACAGTAAACCAACACTGGTTCTACCTTGGACTTA	809
Db	361	CGTGAAGGCGAAGACCATGTGTGTACAGTCCAACCAACCGGAGGCGATCTCGGCGAGAA	420
Oy	810	CACGTGTCCTACTTGACTTGCAATCCCGGTGGTGGTGTGGTATCTTACAATGGTTG	869

Db 421 C-----CACTTCATCTCCAGATCCCGCGCGGTGTCGACATCTTTCAGCGCTG 471
Qy 870 TGGCACTAATGAGGAGTGTCTCCACCGATGTTGGGGTGCAGATATCGGCGGAGTTCTTC 929
Db 472 CAGCTCCAGTGGGGTGTGCTCGCGGTGCTCAG-----TAGCGCGGCAATCTGCTC 522
Qy 930 TGCCTGACTGTTCTTAACCTTCTTTCGCTTCAGCTGATGTTGTAAGTGAATTCG 989
Db 523 GCGAAGCAGTGCAGACCTTCCCGAGCTGCTCAAGAGACGCTGCTACTGCGCGCTACGA 582
Qy 990 CTGTTCAAAAACGCTGATTAACCAACCAATGACTTACAAACAATTACTCTCC 1043
Db 583 CTGTTCAAGAACCGCGCAATCCGAGCTTCAGCTTCGTCAGTCCAGTCC 636

RESULT 13

US-09-189-060B-65
; Sequence 65, Application US/09189060B
; Patent No. 6270968
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Sandal, Thomas
; APPLICANT: Kauppinen, Markus
; APPLICANT: Borge, Diderichsen
; TITLE OF INVENTION: Method Of Providing No. 6270968e1 DNA Sequences
; FILE REFERENCE: 4772.204-US
; CURRENT APPLICATION NUMBER: US/09/189,060B
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: PCT/DK97/00216
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 922
; TYPE: DNA
; ORGANISM: Hybrid
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(922)
US-09-189-060B-65

Query Match 17.0%; Score 184.4; DB 4; Length 922;
Best Local Similarity 59.8%; Pred. No. 9.1e-45;
Matches 355; Conservative 0; Mismatches 221; Indels 18; Gaps 2;
Qy 450 TGGTGCCTCCGATATGTTGTAACCACTGCTACTGCGATTTGTTAGCCTTTCTGAC 509
Db 60 TGCCTTCCCTCTGATGCAAGGTCCACGCGTACTGGGATTCGTGTAAGCGCTGCTC 119
Qy 510 TTGGCCCGGTAGGCTGATGTCACCTCCCTGTTGGCTCTGTATACAGATGTAAGAC 569
Db 120 GTGGCCCGGCAAGGCGCTGCTGTAACAGCCGCTTACGCCCGCAACGCAATCTTCAACG 179
Qy 570 TCTTGTGATTAACAACACTCAAAACGCGTGTGTTGTTGTTGTAAGCACTACCTGTAATGA 629
Db 180 CATACGACCCCAACGCAAGTCGCGTGGGATGCGGCTCCGCTTCTCTGCGCGCA 239
Qy 630 CAATTAACCTTGGTGTGTTAGAGACGACTTGCCTACAGGTTTGGCGCTGCTTGATTC 689
Db 240 CCAGACCCCGTGGCGGTGAGGAGACGACTTGCCTACGCTTCCGCGCTACGCGCTGCG 299
Qy 690 TGGTGTAGCGAAGCTACTGTTGTTGTTGCTGTTTGAACCACTTCACTCTACG 749
Db 300 CGGCGACGTCGAGTTTGTGTGTGCTGTGCTGCTACGAACTCACTTCACTTCCGCGGCC 359
Qy 750 CGTCAAGGTAAGAGATGTTGTTCAATTAACAACCTGTTCTGACTTGGCTCTTA 809
Db 360 CGTTGCTGCAAGAGATGCTGCTGCAATGCAACGACGCTGCGGTGACTCTGTAAGCA 419
Qy 810 CACTGTGCTCACTTGAATGCAAAATCCGCGTGTGTTGTTGTTGTTGTTGTTGTTGTTG 869
Db 420 C-----CACTTGAACCTCAACATGCGAGTGGCGGTGTGCGCATCTTCAGCGCTG 470

Qy 870 TGGCACTAATGAGGAGTGTCTCCACCGATGTTGGGGTGCAGATATCGGCGGAGTTCTTC 929
Db 471 CTGCGCTCAGGTTGGCGGTCTCGCC-----GGCAGGCGTATGGCGCGCTGCTGTC 521
Qy 930 TGCCTGACTGTTCTTAACCTTCTTTCGCTTCAGCTGATGTTGTAAGTGAATTCG 989
Db 522 CCGAGGGAATGCACTCTTCCCGGAGCACTCAACCCCGCTGCTACTGCGCGCTACGA 581
Qy 990 CTGTTCAAAAACGCTGATTAACCAACCAATGACTTACAAACAATTACTCTCC 1043
Db 582 CTGTTTAAGAACCCGCAATCCGAGCTTCAGCTTCGTCAGTCCAGTCC 635

RESULT 14

US-08-872-437-1
; Sequence 1, Application US/08872437
; Patent No. 5958082
; GENERAL INFORMATION:
; APPLICANT: Lund, Henrik
; APPLICANT: Kalum, Lisbeth
; TITLE OF INVENTION: Garments With Considerable Variation In
; FILE REFERENCE: 4888.200-US
; CURRENT APPLICATION NUMBER: US/08/872,437
; PRIOR FILING DATE: 1997-06-10
; EARLIER APPLICATION NUMBER: 1276/96
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Thielavia terrestris
US-08-872-437-1

Query Match 16.7%; Score 181; DB 2; Length 1174;
Best Local Similarity 58.2%; Pred. No. 1e-43;
Matches 366; Conservative 0; Mismatches 245; Indels 18; Gaps 2;
Qy 442 GTCTCTGTGTGCTCCCGTATGTTGTAACCACTGCTACTGCGATTTGTTGAAGCT 501
Db 111 GTCCCTCCCGGCGCAAGTGGCGACGTCACAGATATCGGACTGCTGCAAGCG 170
Qy 502 TCTTGAAGTGGCGCGGTAAGGCTGATGTCACCTCCCTGTTGCTCCTGTAACAGAT 561
Db 171 TCGTGCCTTGGCCCGGAGAGCGCGCTACAGCAACCGTCTACGCTGCGATGCCAAC 230
Qy 562 GGTAAAGCTTGTGTAATCAACACTCAAAACGCTGTGTGTTGTTGTAAGCACTACAC 621
Db 231 TTCAAGGCGCTGTCGACTTCAATGTCAGTGGGCTGCAACGCGGCTGCGCTACCTCC 290
Qy 622 TGTATGACATCAACTTGGGTTGTTAGCAACACTTGTGCTACGTTTGGCGCTGCT 681
Db 291 TGCACCAACGACCTCCCTGCGCGGTGAACCAATCTCGCTACGCTTCCGCGCGACG 350
Qy 682 TCACTTCTGTGTAGGAAGCTACTTGTGTGTGCTGTTGTAAGTCAATTCACC 741
Db 351 AGCATGCGCGGCGGTCCGAATCTCGTGTGTGCTGCTGCTACACCTTCACT 410
Qy 742 TCTACTCCCGTCAAGGTAAGAGATGTTGTTCAAGTACCAACACTTCTGACCTT 801
Db 411 TCCGCTCCCGTCCCGCGCAAGACATGTTGTAAGTCAACGACACTGCGCGGACCTG 470
Qy 802 GCTCTTAACACTGTGCTCACTTGTGCTGCAAAATGCCCGGTGTGTTGTTGTTGTTG 861
Db 471 GGAAGTAA-----CACTTGAATATCGCATGCTCCGCGCGGTGTGTTGTTGTTG 521
Qy 862 AATGTTGTGCACTCAATGAGGAGTCCACGATGTTGGGTGCAAGTATAGCGCGGT 921
Db 522 AACGCTGCACTGCACTTGTGCGGCGCTTCCC-----GGCGCTCAATATAGCGCGC 572
Qy 922 GTTCTTCTGCTGCTGACTGTTCTTAACCTTCTGCGCTTCAAGCTGTTGTAAGTGG 981

Db 573 ATTGCTGCGCGACGATGCGATTCCTCCCGCGCGCTCAAGCCCGGCTGCCGCTG 632
 QY 982 AGATTGCGCTGTTCAAAAACCGCTGATTAACCCAGCATGACCTTACAAACAATTACTGT 1041
 Db 633 CGGTTGACTGTTCCAGAACGCCGACCAACCGAGTTGACGTTCCAGAGGTGAGTGC 692
 QY 1042 CCCAAGGCTATCACTGCCCAAGTCTGCTG 1070
 Db 693 CCCGCCGAGATGTTGCCCGCTCCGCGCTG 721
 RESULT 15
 US-08-651-136C-11
 ; Sequence 11, Application US/08651136C
 ; Patent No. 6001639
 ; GENERAL INFORMATION:
 ; APPLICANT: Schulein, Martin
 ; APPLICANT: Andersen, Lene N.
 ; APPLICANT: Lassen, Soren F.
 ; APPLICANT: Kauppinen, Markus S.
 ; APPLICANT: Lange, Lene
 ; APPLICANT: Nielsen, Rudy I.
 ; APPLICANT: Ihara, Michiko
 ; APPLICANT: Takagi, Shinobu
 ; TITLE OF INVENTION: No. 6001639e1 Endoglucanases
 ; NUMBER OF SEQUENCES: 109
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: No. 60016390 No. 6001639disk of No. 6001639th America, Inc.
 ; STREET: 405 Lexington Avenue, 64th Floor
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: United States of America
 ; ZIP: 10174-6401
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/651,136C
 ; FILING DATE: 21-MAY-1996
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Lambiris, Elias J.
 ; REGISTRATION NUMBER: 33,728
 ; REFERENCE/DOCKET NUMBER: 4366.200-US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 212-867-0123
 ; TELEFAX: 212-878-9655
 ; INFORMATION FOR SEQ ID NO: 11:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 1174 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 60..956
 ; US-08-651-136C-11
 Query Match 16.7%; Score 181; DB 3; Length 1174;
 Best Local Similarity 58.2%; Pred. No. 1e-43;
 Matches 366; Conservative 0; Mismatches 245; Indels 18; Gaps 2;
 QY 442 GTCTCTGCTGCTGCTCCGCTATATGTAAGAACCACTCGCTACTGGGATTGTTAGACCT 501
 Db 111 GTGCTCTCCGCGCGACGTGCGACGTGCGCTCAAGATACCTGGGACTGCTGCAAGCCG 170
 QY 502 TCTTGAGTGTGGCCCGGTAAGGCTGATGTCACCTCCCTGTTGGCTCTGTAAACAAGAT 561
 Db 171 TGTGCTGCTTGGCCCGGGAAGCGCGCTGACCAACCGGTCTACGCGTGGCATGCCAAC 230

QY 562 GGTAAAGCTTGTGCTGATTAACAACACTCAAAACGCTGTGTGTGTAGACGTAAC 621
 Db 231 TTCCAGGCGCTGTCCGACTTCAATGTCAGTCGGGCTGCAACGGCGCTGCGCTACTCC 290
 QY 622 TGTATGACATCAACCTGGGTGTAGGACGACCTTGCCTACGCTTTGCGCGCTGCT 681
 Db 291 TGGCCGACCAAGTCTCCCTGGGCGGTGAACGACATTCGCTACGCTTGGCGGACG 350
 QY 682 TCCATTTCTGTGTGAGCGAAGTACTGTGTGTGTGCTGTTTGAACCTACCTAC 741
 Db 351 AGCATGCGCGGCGGCTCCGAATCCTCGTGTGTGCTGCGCTGTACGCGCTACCTTCACT 410
 QY 742 TCTACTGCGCTCAAGGTGAAGATGTTGTTAAATGAACCACTGTTGACCTT 801
 Db 411 TCCGCTCCGTCGCGCGCAACATGATGTGTGATGATCAAGACACTGCGCGGACCTG 470
 QY 802 GGCTCTAACACTGTGCTCACTTGACTTGAATGCAATGCGGCGTGTGTGTATCTAC 861
 Db 471 GGAAGTAAAC-----CAGTTGATATGCGCATGCGCGCGCGCGCGCGGCGATCTTC 521
 QY 862 AATGCTGTGCTCACTCAATGGGCTGTCCACCGATGTTGGGCTGCAAGATACGGCGT 921
 Db 522 AACGCTGCACTGCGAGTTGCGGCGCTCC-----GGCGCTCAATACGCGCGG 572
 QY 922 GTTCTTCTGCTGCTGACTGTTCACTTCTTCTGCTTCAAGCTGTTGTAAGTGG 981
 Db 573 ATTGCTGCGCGACGATGATTCCTCCCGCGCGCTCAAGCCGCGCTGCAAGTGG 632
 QY 982 AGATTGCGCTGTTCAAAAACGCTGATTAACCCAGCATGACCTTACAAACAATTACTGT 1041
 Db 633 CGGTTGACTGTTCCAGAACGCCGACCAACCGAGTTGACGTTCCAGAGGTGAGTGC 692
 QY 1042 CCCAAGGCTATCACTGCCCAAGTCTGCTG 1070
 Db 693 CCCGCCGAGATGTTGCCCGCTCCGCGCTG 721

Search completed: June 17, 2003, 18:55:34
 Job time : 62.5203 secs